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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. .: 7,376,456
APPLICATION NO .: 10/635,330
DATED .: MAY 20, 2008
INVENTOR(S) .: BARBARA J. MARSHIK-GEURTS, JING TANG, ANDRES F. ZULUAGA AND

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the first page of the patent, under the heading "OTHER PUBLICATIONS" please replace the third entry with the following amended text:

Cassis et al., "Cardiovascular Near-Infrared Imaging"
[http://www.pharm.uky\[\[\]\].edu/ASRG/wave/cardiovascular_near-IR.html](http://www.pharm.uky[[]].edu/ASRG/wave/cardiovascular_near-IR.html), 9 pages,
(2001).

On the first page of the patent, under the heading "OTHER PUBLICATIONS" please replace the fifth entry with the following amended text:

Jaross et al., "Determination of cholesterol in atherosclerotic plaques using near infrared diffuse reflection spectroscopy" *Atherosclerosis* [[~~147~~]] 147:327-337 (1999).

In column 30, please replace claim 11 with the following amended text:

11. The method of claim 10, further comprising selecting a particular probability and selecting at least one of the chemometric prediction values on the basis of the particular probability.

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